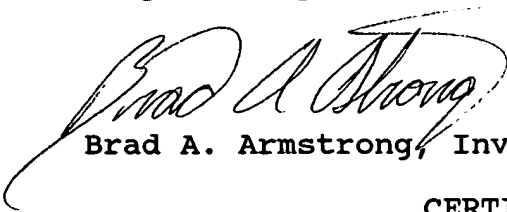


REMARKS

It is noted with agreement claims 1-16 are allowable over the prior art of record. It is also noted the terminal disclaimer discussed in detail above regarding point 4 of the Office Action and submitted when this application was filed must be recorded. This response places the instant application and claims 1-24 in condition for allowance so that the application can be advanced toward issuance. It is respectfully requested the Examiner reexamine the application in view of the herein remarks / amendments, and find all claims allowable and the application in condition for allowance. Thank you.

I hereby declare that I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled ANALOG SENSOR(S) WITH SNAP-THROUGH TACTILE FEEDBACK; I further declare that no new matter has been entered; and I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
Thank you.

Respectfully,


Brad A. Armstrong, Inventor

Date: 8-27-02

CERTIFICATE OF EXPRESS MAILING

Assistant Commissioner for Patents
Washington, D. C. 20231

I hereby certify that this complete response is being deposited with the United States Postal Service as EXPRESS mail article ET663103453US with sufficient postage pre-paid in an envelope addressed to: Assistant Commissioner for Patents, Washington, D. C. 20231, on this

date: 8-27-02

Signature: 

Brad A. Armstrong

AMENDMENTS TO THE CLAIMS IN MARKED UP VERSION

Please amend the following claims wherein underlining shows inserts and bracketing shows deletion. A clean version of the claims is provided following this marked up version.

17. (once amended) An analog sensor, comprising:
an actuator moveable by only a single human finger;
responsive to movement of said actuator is
first means for varying electrical resistance and providing
a varying electrical output of said sensor; and responsive to
movement of said actuator is
second means for providing a snap-through threshold tactile
feedback detectable upon deactivation of said first means, said
snap-through tactile feedback detectable by the single human
finger.

18. (once amended) An analog sensor according to claim 17
wherein said second means [includes] comprises a dome-cap
structure, and [said] another snap-through threshold tactile
feedback is discernable upon activation of said first means.
[a snap-through tactile feedback.]

20. (once amended) An improved analog sensor of a type
actuated by a single human finger, the sensor providing an analog
variable electrical output used for controlling an electronic
game;

wherein the improvement comprises:
means for providing a user discernable snap-through threshold
tactile feedback to the finger, said user discernable snap-
through threshold tactile feedback is provided on deactuation of
the variable electrical output used for controlling the
electronic game.

21. (once amended) An improved analog sensor in accordance
with claim 20 wherein another [said] user discernable snap-

through threshold tactile feedback is provided on actuation of the variable electrical output used for controlling the electronic game. [is a snap-through tactile feedback.]